Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

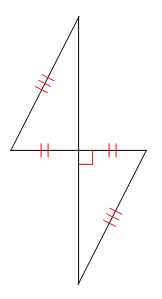
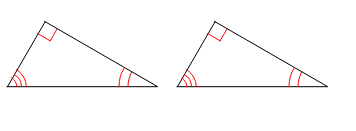
CW 43: Hypotenuse – Leg Congruence

**Honors Geometry**

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|  | Criteria for HL Congruence: |
| Example: Do triangle IKJ and triangle KJH meet the Hypotenuse-leg criteria?  Given | |

Criteria for Success: Did you…

* Annotate given information
* Write congruency statements for given information and information determined by prior knowledge (how/evidence)
* State a claim. (what/claim)
* If your claim is that they are congruent, did you use a congruence theorem to support your claim? (why/reasoning)

Directions:   
Pt I: Determine if the triangles are congruence. If so, choose which theorem/postulate you would use to prove they are congruent.

Pt. II: \*\*COMPLETE IN YOUR NOTEBOOK\*\* - Choose 4 of the 8 problems below where you claim the triangles are congruent. For each of the 4 you chose, write out a proof (with at least 2 complete sentences) to show that the triangles are or are not congruent. Check your answer with the criteria for success below.

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| 5. | 6. |
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| ../../../../../Desktop/Screen%20Shot%202015-11-28%20at%2011.30.50%20AM7) | 8) |